

NETWORK MANAGEMENT OF A PERFORMANCE
ENHANCING PROXY ARCHITECTURE

ABSTRACT OF THE DISCLOSURE

[141] A communication system having a proxy architecture is disclosed. The system includes a platform that provides performance enhancing functions. The platform includes a management protocol agent that gathers information associated with the platform. The system also includes a network management system that communicates with the platform. The network management system receives information from the management protocol agent. The information provides at least one of event data and alarm data, wherein the platform has a profile that specifies configuration parameters. The network management system is configured to selectively modify the profile in response to the received information and to forward the modified profile to the platform. The above arrangement has particular applicability to a bandwidth constrained communication system, such as a satellite network.